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Exam : **GB0-190**

Title : Construction Small-and Medium-Sized Enterprise Network

Version : Demo

1.During system startup, you can press _____ to interrupt system booting and enter the Boot ROM mode.
A. Ctrl+a
B. Ctrl+b
C. Ctrl+z
D. Ctrl+c
Answer: B

2.On an MSR router, a configuration file is saved as a _____.?
A. Batch file
B. Text file
C. Executable file
D. Database file
Answer: B

3.On an MSR router, you can use the _____ command to display the current path of the file system.
A. dir
B. pwd
C. path
D. current-path
Answer: B

4.Which of the following statements are TRUE about the VTYs on an H3C device? (Choose one or more)
A. VTYs support only telnet service.
B. Concurrent accesses of VTY users are supported.
C. One VTY user corresponds to one physical interface.
D. Authentication without password is not supported.
Answer: B

5.After a file is specified as the startup configuration file for next reboot on an MSR router, you can use the _____ command to verify that the file is successfully specified.
A. display boot
B. display begin
C. display startup
D. display start-configuration
Answer: C

6.A network is set up as shown in the diagram. All interfaces of the four routers are OSPF-enabled, and are all in OSPF Area 23. All network segments can communicate with each other. The OSPF cost of each link interconnecting routers is as shown in the diagram. Which of the following statements are TRUE? (Choose one or more)
A. RTD and RTA maintain the same LSDB.
B. According to the SPF algorithm, RTC calculates that RTC->RTA->RTB is the optimal path to network segment 192.168.2.0/24.

C. Through SPF calculation, RTC finds that the route to 192.168.4.0/24 and the route to 192.168.2.0/24 have the same cost. RTC thus generates two equal-cost routes.

D. RTC will have two OSPF neighbors.

Answer: A,B

7.A network is set up as follows:

HostA----GE0/0--MSR-1--S1/0---------S1/0--MSR-2--GE0/0----HostB

MSR-1 and MSR-2 are connected through a dedicated line. Configure the following three static routes on MSR-1:

Segment 10.1.1.0/24 is the LAN where HostB resides. Which of the following statements is TRUE?

A. Only the third route will be added into the routing table of MSR-1.

B. The three routes will be all added into the routing table of MSR-1 as equal-cost routes.

C. Only the first route will be added into the routing table of MSR-1.

D. None of the above

Answer: D

8.The following route entry is found in the routing table of an MSR router:

```
Destination/Mask    Proto  Pre  Cost        NextHop      Interface
2.0.0.0/8           XXX    100  48          10.10.10.2      S6/1
```

Which of the following statements are TRUE about the route entry? (Choose one or more)

A. The Proto field of the route entry may be static.

B. This route entry is learned through a dynamic routing protocol.

C. The Proto field of the route entry may be rip.

D. This route is not a direct route.

Answer: B,D

9.After learning a route on an interface, RIP sets the metric of the route to infinity (16), and sends the route back to the neighbor router through the interface. The method of avoiding routing loops is called _____.

A. Split Horizon

B. Poison Reverse

C. Route Poisoning

D. Triggered Update

Answer: B

10.Two routers, MSR-1 and MSR-2, are connected back-to-back through their respective GigabitEthernet 0/0 interfaces. Perform the following configuration on MSR-1:

```
interface LoopBack2
 ip address 8.8.8.8 255.255.255.255
#
interface GigabitEthernet0/0
 port link-mode route
 ip address 100.1.1.2 255.255.255.0
#
rip 1
undo summary
 version 2
 network 100.0.0.0
 network 8.0.0.0
```
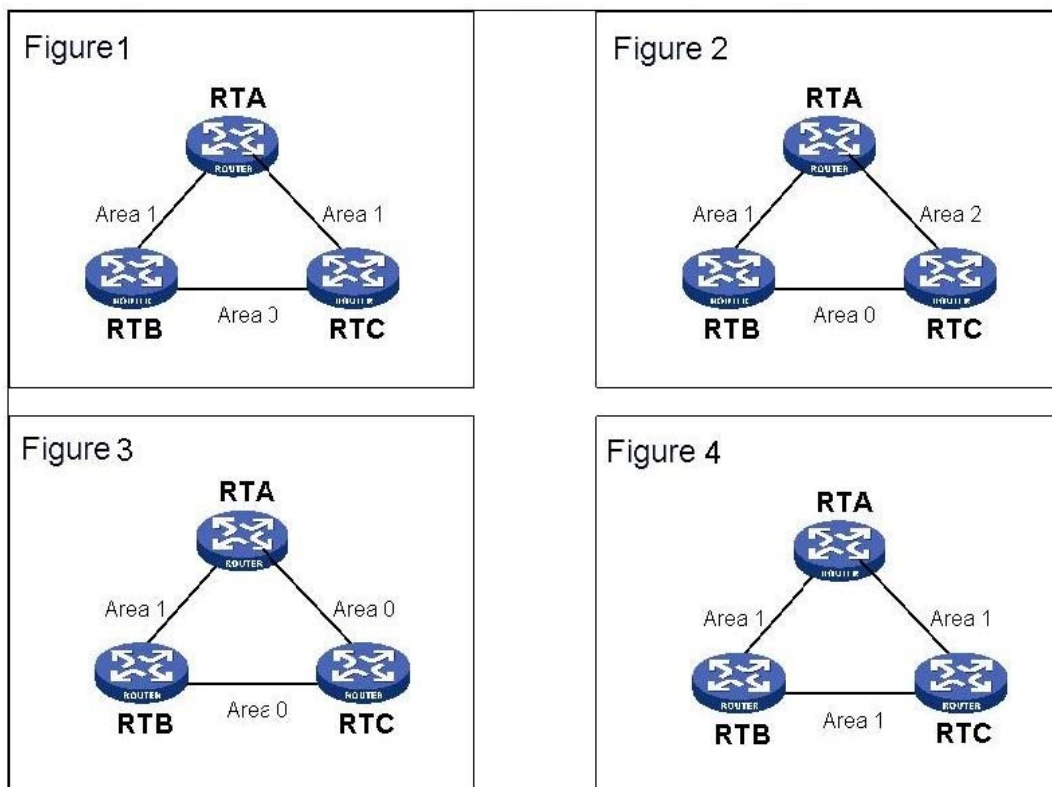
Assume the two routers are configured with RIP correctly. Which of the following statements is TRUE about the configuration?

A. MSR-2 can learn a RIP route to 8.8.8.8/32.

B. MSR-2 can learn a RIP route to 8.0.0.0/8.

C. MSR-2 can learn a RIP route to 8.8.8.8/8.

D. MSR-2 can learn a RIP route to 8.0.0.0/32.

Answer: A

11.The diagram shows four ways of partitioning OSPF areas.

Which of them are CORRECT? (Choose one or more)

A. Figure 1

B. Figure 2

C. Figure 3

D. Figure 4

Answer: A,B,C,D

12.Which of the following statements are TRUE about displaying and debugging OSPF? (Choose one or more)
A. You can use the display ospf peer command to display information about OSPF neighbors.
B. You can use the display ospf lsdb command to display the LSDB of a router. All OSPF routers in a network should maintain the same LSDB.
C. You can use the display ospf routing command to display OSPF routes. Not all OSPF routes are added into the global routing table.
D. You can use the display ospf fault command to display OSPF errors.
Answer: A,C

13.The routing table of a router contains a default route to the network identified by address 0.0.0.0 and mask 0.0.0.0, and its next hop is interface Serial 0/0 of the router. Which of the following statements are TRUE about the route?
A. If the router receives a data packet destined for 120.1.1.1 and finds no exact match for the packet in its routing table, the router will forward the packet according to the default route.
B. The mask of the route is the shortest. A data packet will be forwarded according to the default route only if it does not match any route entry.
C. The cost of the route may be 3.
D. The preference value of the route may be 100.
Answer: A,B,C,D

14.PPP is enabled on the WAN link between two routers MSR-1 and MSR-2. The two routers run RIP to advertise routes to each other. MSR-1 has learned the RIP routes advertised by MSR-2, but the routing table of MSR-2 does not contain any RIP routes. Why? (Choose one or more)
A. On MSR-1, RIP is enabled on the WAN interface only.
B. The RIP versions of the two routers are inconsistent.
C. The silent-interface all command is configured for RIP on MSR-1.
D. The silent-interface all command is configured for RIP on MSR-2.
Answer: A,B,C

15.WAN interfaces Serial 1/0 and Serial 1/1 of MSR-1 connect to MSR-2 and MSR-3 respectively. An Ethernet interface of MSR-1 connects to MSR-4. The four routers run RIP and have learned routes correctly. Enable all loop avoidance features of RIP on all routers. If network 192.168.0.0 on MSR2 fails, which of the following will happen?
A. The route to 192.168.0.0 will enter the suppressed state on all routers.
B. The cost of the route to 192.168.0.0 will be set to the maximum value on all routers.
C. After network 192.168.0.0 restores, MSR-2 will send route updates immediately.
D. After network 192.168.0.0 restores, MSR-2 will send route updates to other routers when the periodic update time is reached.
Answer: A,B,C